



REPORT NO. 235.

BACTERIOLOGICAL COUNTS OF MILK IN NEW YORK STATE CITIES.

Data Gathered

by the

-STATE BUREAU OF MUNICIPAL INFORMATION.


of the

New York State Conference of Mayors and Other City Officials.

Albany N. Y. Jan. 18, 1917.

W. P. Capes, Director.

City	Do you have bacteriological counts?	How often.	By whom.	Do you publish information, and if so how?
Jamestown	Yes	about 75 samples week	milk bacteriologist	Yes, in daily press and twice monthly in reports.
Rensselaer	No.	---	---	---
Newburgh	Yes	Occasionally	City bacteriologist.	No.
Ogdensburg	Yes	4 times year	Agricultural Department.	Yes in public press and monthly reports.
Port Jervis	No.	---	---	---
Amsterdam	Yes	Approx. 5 samples from each dealer per week, with num- erous samples from producers.	City bacteriologist.	Only number of violations are published.
Troy	Yes	6 times a year and oftener in some cases.	City bacteriologist.	In monthly reports.
Hudson	No.	---	---	---
Lockport	Yes	Once a year	Dr. W. G. Bissell, Buffalo.	No.
Yonkers	Yes	Monthly	City laboratory	Yes in public press.
Beacon	No, except grade A milk.	once a year	Dr. Pinck, Newburgh.	No.
Rome	Yes,	once a month, and if conditions are bad more frequently.	Prof. Boyd.	Yes usually in public press and always in monthly reports.
Mechanicville	No, but two grades of milk are sold, one producer sell- ing grade A. All other milk classified as grade C. Milk graded according to state state regulations.			



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Troy	Yes	6 times a year and oftener in some cases.	City bacteriologist.	In monthly reports.
Hudson	No.	---	---	---
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Mechanicville	No, but two grades of milk are sold, one producer sell- ing grade A. All other milk classified as grade C. Milk graded accordi to state statu- regulations.			

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City	Do you have bacteriological counts?	How Often	By whom	Do you publish this information, and if so how?
Utica	Yes	some counts made last spring complete counts being made now.	H. C. Borst, H.D.	They will be published in press and monthly report
Norwich	No	--	--	--
Elmira	Yes	Monthly from licensed dealers and as often as possible from producers.	By city bacteriologist.	Yes, in quarterly bulletin and press.
Glens Falls	Yes	Some dairies each month.	County bact- eriologist	In monthly report of inspector only
Oneida	Yes	Annually	County labor- atory.	Yes in press and monthly reports.
Dunkirk	Yes	Every month	City bacterio- logist.	Yes in press and monthly reports.
Saratoga	Yes	Annually and in some cases much oftener.	Dr. Clark, Olean.	Only in month- ly reports.
Johnstown	No.	--	--	--
Niagara Falls	Yes	Samples taken three or four days a week, except when inspector is scoring farms.	City bacter- iologist.	No.
Olean	Yes	Two and three times a month.	Dr. J. J. Clark	Yes in public press and monthly reports.
Plattsburgh	For grade milk.	Yearly	Bacteriologist Saratoga Lake.	Yes in public press
Sherrill	Yes	Two and three times a week.	Dr. Crockett Oneida.	No.
Buffalo	Yes	Three or four times a year from producers, once a month from city dealers.	City bacterio- logist.	No
Tonawanda	Yes	Twice yearly	Dr. Bissell Buffalo.	In monthly reports only.
Auburn	Yes	3 times a year	City bacterio- logist	In monthly reports only.

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Name of City	Do you take bacteriological counts?	How often.	By whom.	Do you publish information, and if so, how?
Albany	Yes	Daily	Sender Laboratory	In monthly report only.
Batavia	Yes	Quarterly	City bacteriologist.	To be published in press.
Candor	Yes	Annually and oftener if suspicious.	County bacteriologist.	No
Fulton	Yes	Monthly or bi-monthly.	Syracuse city laboratory.	Usually in daily press and occasionally in monthly reports.
Cortland	No, all milk and cream sold is grade B.			
Cornhusk	Yes	Hereafter monthly.	Steuben Co. laboratory.	Yes in public press.
Binghamton	Yes	Every 2 wks.	Bacteriologist	Yes in public press.
Gloversville	No.			
Little Falls.	No.			
Kingston	Yes	6 times a year	Ulster Co. bacteriologist	Yes in public press and monthly reports.
Ithaca	Yes	At least once a month.	Cornell University.	Every 6 months in bulletin.
Tonawanda	Yes	Once a month during summer	S. P. Babcock	No.
N. Tonawanda	Yes	Once a year	Buffalo laboratory.	No.
Mt. Vernon	Yes	Each month	Mt. Vernon hospital	In Board of Health report only.
Middleton	Yes	Monthly	City chemist	In city hall bulletin. The press won't do it.
Richfield	Yes	At least once a month.	City bacteriologist.	In monthly bulletin only.
Warwick	No.			

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Name of City	Do you have bacteriological counts.	How often	By whom	Do you publish information if so how.
Oswego	No			
Hornell	Yes	Annually	Co bacteriologist.	No.
Poughkeepsie	Yes	From once a day to once every two or three months depending on quality of milk and outdoor temperature.	City bacteriologist	No.
Rochester	Yes	Every other month	Bacteriologist.	Yes in press and monthly reports.
Schenectady	Yes	About 600 times a year.	City bacteriologist	Yes in press and monthly reports
Syracuse	Yes	Two or three times a month.	Dr. O. W. H. Litchell	In monthly reports only.
Watertown	Yes	Monthly	Chemist	Not as yet.

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Name of City	Are counts available for public inspection?	Are dealers notified of bacteriological counts?	Methods employed in checking grade of milk of dealer whose count does not conform to grade he is using
Watertown	Yes, but no publicity given.	Yes	Method under consideration. We think favorably of Kansas City plan outlined in U.S. Public Health report Jan 7, 1916, pages 39 & 40.
Syracuse	Yes.	Yes when above limit allowed by sanitary code	Grades determined by scoring. Herd scored by veterinarian, Dairy scored by inspector. Method of distributing quality scored in laboratory, each on basis of 100%. If average score is 78% or above the dealer is ranked in grade A, If below 78% in grade B.
Schenectady	Yes	Yes.	In the raw milk only two grades are handled, certified and grade B raw. In pasteurized, only two grades A & B. We have no trouble with above four grades.
Rochester.	Yes	Yes	Moral suasion. First use all means to conciliate, failing in this all means to crush. Viol. Police court, etc.
Poughkeepsie	Yes	Yes	Endeavoring first to show where the high counts originate. If no improvement is made he is ordered to cease using the present grade letter and substitute a lower one or cease selling that particular milk.
Hornell	Yes	Yes	Not so far been necessary.
Oswego	No	No	None
Watervliet			None
New Rochelle	Yes	Yes	By notification to dealer and revocation of his permit if necessary.
Idolatown	Yes	Yes	Sell only B raw and pasteurized, no other grades allowed to be sold.

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Name of City	Are counts available for public inspection	Are dealers notified of counts?	What method employed in changing grade of milk of dealer whose count does not conform to grade he is using
Lt. Vernon	Yes	Yes	Notified to discontinue sale of grade of milk until he conforms to count etc.
No. Tonawanda	Yes	Yes	Such condition has not arisen.
Lackawanna	Yes	Yes	Had no occasion to change grade.
Ithaca	Yes	Yes	Advertise them in bulletin. Inspector goes after dealer.
Kingston.	Yes	Yes if below grade.	Do not change grade but advise with him and remedy trouble as soon as possible. Local code says if three samples do not conform to grade, then it shall be changed, but it has never been necessary to do so.
Little Falls			None.
Gloversville			None
Binghamton	Yes	No, except when running under grade.	Have had no occasion to change.
Corning	Yes	Yes	Make him change to grade he should be in.
Cortland			None
Fulton	Yes	Yes	Require change in marking of cap. If cannot conform to grade B, compel dealer to change cap to grade "C". 75% of our milk has a bacterial count of less than 10,000 per c.c. We have no grade A. having discarded the tuberculin test for the physical examination of all cows.
Unadilla	Yes	Yes	Make him clean up and improve conditions.
Levia	From now on.	Yes	Where count falls below dealer is given a chance to clean up and results so far have been good.

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Name of City	Are counts available for public inspection.	Are dealers notified of bacteriological counts	Methods employed in changing grade of milk of dealer whose counts do not conform to particular grade he is using.
Salamanca	Yes	Yes	Make repeated counts until he makes good.
Dunkirk	Yes	Yes	Do not change then. Remedy the cause.
Oneida	Yes	Yes	Make him use lower grade label.
Glens Falls	Yes	Yes	Stop him sending milk to city for sale.
Elmira	Yes	Yes	Grade changed when it is found a dealer cannot consistently keep within limits of grade.
Norwich	--	--	--
Utica	Yes	Yes	Dealers using certain grade are notified when a producer is not supplying satisfactory milk, and are instructed not to purchase it.
Mechanicville	--	--	--
Rose	Yes	Yes	Have not had to change to a lower grade.
Beacon	Yes	Yes	Give him second chance and then if he does not conform to rules give him a lower grade.
Yonkers	Yes	Only in violations.	Have had no occasion to change grading.
Lockport	Can be by order of board.	Yes	Give him instructions how to come up.
Hudson			There have been no rules or provision made by board for making bacteriological counts.
Troy	When in excess of standard	Only when excessive.	He is notified to appear at office of health officer for instructions and to notify health bureau if possible why milk is not kept up to standard.
Westard	Yes	Yes	Have had no occasion to change grade.
Port Jarvis	--	--	--

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Name of City	Are counts available for public inspection.	Are dealers notified of bacteria counts?	Method employed in changing grade of milk if dealer whose count does not conform to grade that he is using.
Albany	Yes	Yes	If a number of examinations show count to be below standard dealer is notified and if necessary hearing is held.
Adrian	Yes	Yes	Call dealer to hearing and reduce his grade until he can conform to sanitary code.
Tonawanda	Yes	Yes	Notify dealer.
Buffalo	Yes	Yes	Have endeavored to adhere to strict interpretation State Sanitary code, the enforcement of which, however is fraught with much difficulty. (See foot note)
Sherrill	No	Yes	None
Plattsburgh	--	Yes	Refused to take milk into city if producer does not conform to rules. We have one dealer in grade "A" raw. Other dealers have grade B. There is no grade C. Any one who fails in grade B is shut out.
Olean	Yes	Yes	If three high counts in succession showing no attempt to meet requirements. City milk rarely over 24 hrs old and kept iced per local board ordinance.
Niagara Falls	Yes	Yes	We would not change grade of dealer if he showed one or two counts below standard. Finding his count below standard we would lock him up and if his count were persistently below standard his grade would be changed.
Johnstown	--	--	--

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Name of City	Are counts available for public inspection.	Are dealers notified of bacterial counts?	Method employed in changing grade of milk of dealer whose count does not conform to the particular grade he is using.
Ogdensburg	No	Yes	Either exclude milk or drop the grade.
Newburgh	Yes	When requested	Lower grade
Kennsalaer Saratoga	Yes	If counts are off grade	Following is rule of Board: In determining grade of any dealers milk at least five tests be made for a period not less than one week or more than one month. If four out of five samples are within grade dealer is entitled to license. If three out of five or less are within grade and two are not, dealer is to receive warning and another test is to be made in near future. If on succeeding test he still fails to show four out of five within grade the milk is then B graded.
Jamestown-			

Buffalo Health Department reports as follows: Thorough investigation discloses the fact that there can be no assurance that such conditions constantly prevail. (As required by State code) especially as to bacterial content of the raw supply. Hence upon discovery of deviation dealers have been notified to regrade accordingly. There is such a wide variation and fluctuations in bacterial content of the milk supplies of the same producers from time to time and even in the same milk that it has been found impossible to maintain any grade from day to day and our attempts to regrade especially the pasteurized milk have met with a lot of opposition, as the frequent changing of grades to conform to the bacteriological findings are demoralizing to the milk dealers; for although his milk supply may be just as wholesome and safe the increase of a few thousands of bacteria per cubic centimeter lowers the grade which is seriously objected to by customers, who becoming alarmed purchase from another dealer only to find in a short time that he is subjected to like changes, so that the housewife never knows what grade she is actually obtaining, nor is it possible for anyone to know that milk supplies of any given dealer are in strict technical conformity to legal grading requirements from day to day.



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